

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|-------------------------------|---|------------------|---------|------------------|
| S1 | 63908 | radio adj wave | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/20 11:59 |
| S2 | 1 | "US 20060286387" | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/02/21 12:46 |
| S3 | 2150845 | ag or silver | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/05 16:19 |
| S4 | 57769 | nanoparticle or microparticle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 16:17 |
| S5 | 15984 | S3 and S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/05 16:20 |
| S6 | 63908 | radio adj wave | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/05 16:20 |
| S7 | 76 | S5 and S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/05 16:21 |
| S8 | 9653 | S5 and (glass or window) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/16 14:54 |
| S9 | 848 | S3 adj S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/05 16:25 |
| S10 | 534 | S9 and (glass or window) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 11:10 |
| S15 | 155 | (\$5"77832")and JP and "1996" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 09:48 |
| S16 | 189 | (\$5"55175")and JP and "1997" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 12:17 |

EAST Search History

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|-----|---------|--------------------------------------|---|----|----|------------------|
| S19 | 2152389 | ag or silver | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 15:20 |
| S20 | 57800 | nanoparticle or microparticle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 13:52 |
| S21 | 849 | S19 adj S20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 11:12 |
| S22 | 534 | S21 and (glass or window) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 13:40 |
| S23 | 508 | S22 and (coat\$3 or layer\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 13:41 |
| S24 | 295 | (ag or silver) adj fine adj particle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 11:35 |
| S25 | 159 | S24 and (glass or window) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 11:36 |
| S26 | 150 | S25 and (coat\$3 or layer\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 11:36 |
| S30 | 2 | "JP 2003509716" | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/01/08 12:20 |
| S31 | 2 | "5948538".pn. | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/01/11 12:59 |
| S32 | 2 | "5595825".pn. | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/01/08 12:55 |
| S33 | 6 | "US 20020142149" | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/01/08 13:29 |
| S34 | 2 | "US 20030039842" | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/01/08 13:29 |

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|-----|-------|--|---|----|----|------------------|
| S40 | 45296 | S19 and (glass or window) and dielectric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 13:49 |
| S41 | 42701 | S40 and (coat\$3 or layer\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 13:53 |
| S42 | 18672 | S41 and (sputter\$3 or cvd) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 13:49 |
| S43 | 2846 | S42 and ("428"/\$).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 13:44 |
| S44 | 2070 | S43 and nm | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 13:45 |
| S45 | 855 | S44 and particle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 13:46 |
| S46 | 665 | S45 and transparent | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 13:49 |
| S47 | 8069 | S19 adj particle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 13:48 |
| S48 | 1216 | S47 and (glass or window) and dielectric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 13:49 |
| S49 | 457 | S48 and (sputter\$3 or cvd) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 13:49 |
| S50 | 254 | S49 and transparent | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 14:06 |
| S52 | 121 | S50 and alloy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 10:31 |

EAST Search History

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|-----|--------|---|---|----|----|------------------|
| S53 | 241266 | sputtering or (vacuum adj deposition) or (chemical adj vapor adj depostion) or (ion adj plating) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 15:02 |
| S55 | 3217 | (ag or silver) near \$particle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 15:48 |
| S56 | 316 | S53 and S55 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 15:21 |
| S57 | 10094 | (ag or silver) near3 \$particle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 15:48 |
| S58 | 779 | S53 and S57 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 15:48 |
| S59 | 87 | ((HIROSHI) near2 (NAKASHIMA)).INV. | US-PGPUB; USPAT | OR | ON | 2007/01/08 16:07 |
| S60 | 14 | ((MOTOH) near2 (ASAKURA)).INV. | US-PGPUB; USPAT | OR | ON | 2007/01/08 16:23 |
| S61 | 329809 | sputtering or (vacuum adj deposition) or (chemical adj vapor adj deposition) or (ion adj plating) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/09 09:00 |
| S62 | 241411 | sputtering or (vacuum adj deposition) or (chemical adj vapor adj depostion) or (ion adj plating) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/09 09:00 |
| S63 | 88412 | S61 not S62 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/09 09:00 |
| S66 | 10098 | (ag or silver) near3 \$particle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 13:55 |
| S67 | 98 | S63 and S66 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/09 09:30 |
| S68 | 44 | S67 and dielectric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/09 09:30 |

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|-----|---------|---|---|----|----|------------------|
| S69 | 2 | "6277169".pn. | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/01/25 11:44 |
| S70 | 58352 | nanoparticle or microparticle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/23 16:11 |
| S71 | 106 | silver same alloy same (coating or coated) same S70 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/23 16:12 |
| S72 | 33 | shielding adj coefficient | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 11:27 |
| S73 | 863 | (solar or light) adj control adj film | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 11:27 |
| S74 | 2165795 | ag or silver | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 11:27 |
| S75 | 269 | S73 and S74 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 13:50 |
| S86 | 351 | (501/904).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 14:37 |
| S93 | 2594 | (ir or infrared or infra-red) adj reflecting | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 11:34 |
| S94 | 287 | S93 near3 (glass or window) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 14:44 |
| S95 | 104 | S94 and silver | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 15:01 |
| S96 | 713 | S93 and silver | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 15:01 |

EAST Search History

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|----------|---------|---|---|----|----|------------------|
| S97 | 61 | S82 and S95 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/24 15:03 |
| S98 | 208150 | nanoparticle or microparticle or (fine adj particle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/16 12:08 |
| S99 | 36 | S96 and S98 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 09:07 |
| S10 0 | 89 | (southwall adj technologies).as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 11:41 |
| S10 1 | 2166300 | ag or silver | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 09:08 |
| S10 2 | 47 | S100 and S101 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 09:08 |
| S10 3 | 14 | ("3556640" "4045125" "4799745" "4978181" "5071206" "5306547").PN. OR ("5513040").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/25 10:40 |
| S10 4 | 1730 | (solid adj solution) same silver | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/25 10:42 |
| S10 5 | 208340 | nanoparticle or microparticle or (fine adj particle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 10:42 |
| S10 6 | 233 | S105 and S104 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/25 10:42 |
| S10 7 | 510 | (ir or infrared or infra-red) and S104 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 11:01 |
| S10 8 | 103 | (ir or infrared or infra-red) and S106 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 10:54 |
| S10 9 | 194445 | (ir or infrared or infra-red) and S101 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 10:54 |

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|----------|---------|--|---|----|----|------------------|
| S11 0 | 10190 | S105 and S109 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 10:55 |
| S11 1 | 4744649 | window or glass or film | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 10:55 |
| S11 2 | 9095 | S110 and S111 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 10:56 |
| S11 3 | 8848 | S112 and (alloy or solid solution) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 10:58 |
| S11 4 | 3550 | S112 and (alloy or (solid adj solution)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 11:01 |
| S11 5 | 99263 | S101 same(alloy or (solid adj solution)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 11:01 |
| S11 6 | 18287 | (ir or infrared or infra-red) and S115 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 11:05 |
| S11 7 | 14387 | S111 and S116 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 11:03 |
| S11 8 | 1906 | S105 and S117 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 11:03 |
| S11 9 | 8086 | (infrared or infra-red) and S115 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 11:05 |
| S12 0 | 1306 | S105 and S119 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 11:06 |
| S12 1 | 1277 | S111 and S120 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 11:06 |

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| S12 6 | 661 | (low adj emissivity) or low-emissivity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 11:42 |
| S12 7 | 337 | S126 and silver | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/25 11:42 |
| S12 8 | 2 | "4462883".pn. | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/02/16 14:38 |
| S12 9 | 52 | silver near3 nodule | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/16 09:34 |
| S13 0 | 4470 | anneal\$5 same silver | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/16 12:06 |
| S13 1 | 2657 | S130 and alloy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/16 12:07 |
| S13 2 | 209739 | nanoparticle or microparticle or (fine adj particle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/16 12:08 |
| S13 3 | 275 | S132 and S130 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/16 14:52 |
| S13 4 | 150 | S133 and alloy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/16 12:09 |
| S13 6 | 3266 | (427/372.2).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/16 13:35 |
| S13 7 | 388 | S136 and silver | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/16 13:37 |
| S13 8 | 249988 | sputter\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/16 13:38 |

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| S13 9 | 79 | S137 and S138 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/16 13:38 |
| S14 0 | 0 | ("2861896").URPN. | USPAT | OR | ON | 2007/02/16 13:52 |
| S14 2 | 2 | "4166018".pn. | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/02/16 14:44 |
| S14 3 | 10 | (4790992 4816034 4826525 4715879 4857094).pn. | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/02/16 14:50 |
| S14 4 | 27358 | \$5wetting and silver | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/02/16 14:51 |
| S14 6 | 5354 | \$5wetting same silver | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/02/16 14:51 |
| S14 7 | 209739 | nanoparticle or microparticle or (fine adj particle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/16 14:52 |
| S14 8 | 337 | S147 and S146 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/16 14:52 |
| S14 9 | 216 | S148 and (glass or window) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/20 12:01 |
| S15 0 | 20181 | (silver or ag) same (matrix or domain) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/20 12:00 |
| S15 1 | 209861 | nanoparticle or microparticle or (fine adj particle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/20 12:00 |
| S15 3 | 2695 | S150 and S151 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/20 12:00 |
| S15 4 | 3267 | (427/372.2).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/20 12:01 |

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| S15 5 | 3 | S154 and S153 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/20 12:02 |
| S15 6 | 23 | S150 and S154 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/02/20 13:00 |
| S15 8 | 2 | "US 20020140885" | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/02/21 13:14 |
| S15 9 | 2 | "US 20020197459" | US-PGPUB; USPAT; USOCR; DERWENT | OR | ON | 2007/02/21 13:14 |